Offshore Special Regulations

OSR Appendix A – Moveable and Variable Ballast

A submission from Australian Sailing

Purpose or Objective

The objective is to include the ORC’s Ballast Leeward Recovery Index as a means for monohull boats with movable and variable ballast to demonstrate stability.

Proposal

Amend regulation Appendix A – Moveable and Variable Ballast

Add new: Paragraph 1.5:

1.5 Use of ORC

Boats with movable and/or variable ballast shall comply with the following minimum values of Ballast Leeward Recovery Index (BLR Index)

<table>
<thead>
<tr>
<th>Race category</th>
<th>1, 2</th>
<th>3</th>
<th>4</th>
</tr>
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<tbody>
<tr>
<td>BLR Index</td>
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<td></td>
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<tr>
<td>BLR Index</td>
<td>0.8</td>
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<tr>
<td>BLR Index</td>
<td>0.7</td>
<td></td>
<td></td>
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</tbody>
</table>

Current Position

The OSR do not currently recognise the use of ORC’s BLR Index as part of how monohull boats with movable and variable ballast demonstrate stability.

Only ISO 12217-2 and its FKR is currently recognised as part of how to assess this attribute of a monohull boat’s stability

Reason

1. The OSR need to provide accessible options for monohull boats with moveable and/or variable ballast to demonstrate that they are capable of self-righting with their rigs intact.

2. The ORC BLR Index provides a means of assessing this attribute of a monohull boat’s stability.

3. Recognising an index readily available on a rating certificate may reduce costs to the boat owner by not requiring a separate assessment by a naval architect.